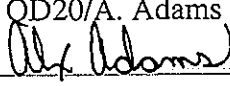
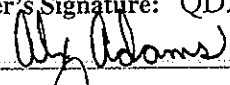
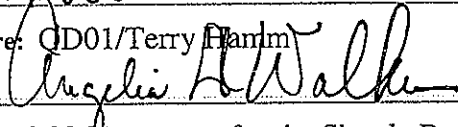


## S&MA Mission Services Technical Directive

Control No: 0139	Org. Code: QD20	Project Code: Sh- RTF	Contract #: NAS8-00179
Originator: QD20/A. Adams 		Date: Sept. 8, 2004	
Office Manager's Signature: QD20/A. Adams 		Date: 9/8/04	
COTR's Signature: QD01/Terry Hamm 		Date: 9/9/04	
Subject: Provide S&MA support for the Shuttle Return-to-Flight (RTF)			
<b>Task Description:</b> Provide S&MA expertise support for the Shuttle RTF activities. Task to include providing S&MA support for all MSFC elements but in particular ET, SRB, and Integration activities. Efforts will include all disciplines: System Safety Engineering, Reliability Engineering, Quality Engineering, Quality Inspections, Pyros, Statistical Analysis, PRA, Risk Management, and Project Assurance. Extensive travel/TDY is expected for the support to ET and Pyros.			
<b>Deliverables:</b> Assessments and inputs to the revisit of FMEA/CIL & HAs. Review/comments on processes that might have impacts. Stats/predictions for processes. Inputs/RIDs for redesign efforts (ie, PRRs, PDRs, CDRs, DCRs). Inputs associated with audits/inspections. PRA updates of MSFC Shuttle Elements reflecting Peer Team input.			
<b>Duration (If time limited task):</b> Estimated duration is all of FY'05.			
Report Progress To: QD20/A. Adams		Frequency of Report: Various	